



Retlif Testing Laboratories

101 New Boston Road, Goffstown, NH 03045
603-497-4600 - Fax: 603-497-5281

CORPORATE OFFICE
795 Marconi Avenue
Ronkonkoma, NY 11779
631-737-1500 Fax 631-737-1497
(A NY Corporation)

BRANCH LABORATORIES
3131 Detwiler Road
Harleysville, PA 19438
215-256-4133 Fax 215-256-4130

WASHINGTON
REGULATORY OFFICE
703-533-1614 Fax 703-533-1612



April 2, 2008

DTC Communications, Inc.
486 Amherst Street
Nashua, NH 03063

Attention: Mr. Stephen Russell

Dear Stephen:

Enclosed you will find Data Package R-4990N, Rev. A covering the testing of the Miniature VHF High Band 0.5 Watt Nominal Portable FM Transmitter, Model: T2500, Serial Number: 1124 to the requirements of FCC Part 2.1053, Spurious Radiated Emissions and FCC Part 90.214, Transient Frequency Behavior. This testing was performed against Purchase Order Number 501335.

The following table is a brief description of the test method(s) that were performed and the results obtained on the Miniature VHF High Band 0.5 Watt Nominal Portable FM Transmitter. Please refer to the Test Program Summary page for an overview of all testing performed.

Test Method	Test Results
Spurious Radiated Emissions (ERP)	Complied
Transient Frequency Behavior	Complied

Thank you for the opportunity to be of service to you. Should you have any questions regarding the enclosed test results or the actual testing of your sample, please do not hesitate to contact me.

Sincerely,

Retlif Testing Laboratories

Jamie Ramsey
Publications
jramsey@retlif.com

Enc. (as stated)



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Test Results
on
Miniature VHF High Band 0.5 Watt Nominal Portable FM Transmitter
Model: T2500

Customer Name: DTC Communications, Inc.

Customer P.O.: 501335

Date of Results: April 2, 2008

Test Results No.: R-4990N, Rev. A

Test Start Date: March 20, 2008

Test Finish Date: March 24, 2008

Test Technician: Todd Hannemann

Test Engineer: Scott Wentworth

Supervisor: Scott Wentworth

Results Prepared By: Jamie Ramsey

Government Source Inspection: N/A

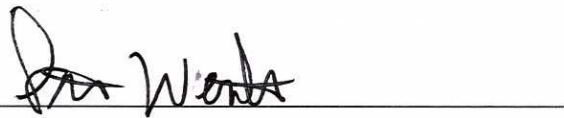
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Certification and Signatures

We certify that these Test Results are true results obtained from the tests of the equipment stated, and relates only to the equipment tested. We further certify that the measurements shown in this Test Results package were made in accordance with the procedures indicated and vouch for the qualifications of all Retlif Testing Laboratories personnel taking them.



Todd Hannemann
Laboratory Supervisor



Scott Wentworth
Branch Manager

Non-Warranty Provision

The testing services have been performed, findings obtained and reports prepared in accordance with generally accepted laboratory principles and practices. This warranty is in lieu of all others, either expressed or implied.

Non-Endorsement

This test report contains only findings and results arrived at after employing the specific test procedures and standards listed herein. It is not intended to constitute a recommendation, endorsement or certification of the product or material tested. This test report may not be used by the client to claim product endorsement by NVLAP, NIST or any agency of the U.S. Government.



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Test Results No. R-4990N, Rev. A

Revision History

Revisions to this document are listed below; the latest revised document supersedes all previous issues of this document.

Revision	Date	Pages Affected
-	March 27, 2008	Original Release
A	April 2, 2008	Changed Description from "Body Worn" to Portable



Retlif Testing Laboratories

Test Results No. R-4990N, Rev. A

Test Program Summary

Test Results Number: R-4990N, Rev. A
Customer: DTC Communications, Inc.
Address: 468 Amherst Street
Nashua, NH 03063
Test Sample: Miniature VHF High Band 0.5 Watt Nominal Portable FM Transmitter
Part Number: N/A
Model Number: T2500
Serial Number: 1124

Test Specification:

FCC Part 2.1053, Spurious Radiated Emissions and FCC Part 90.214, Transient Frequency Behavior

Mode of Operation:

During the performance of all testing specified herein, the EUT was continuously transmitting an audio signal.

Test Methods:

The following table depicts the test methods that were performed on the EUT and the corresponding test results:

Testing Date(s)	Test Method	Test Results
3/20/08-3/24/08	Transient Frequency Behavior	Complied
3/24/08	Spurious Radiated Emissions (ERP) 30 MHz to 1.75 GHz	Complied



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Test Results No. R-4990N, Rev. A

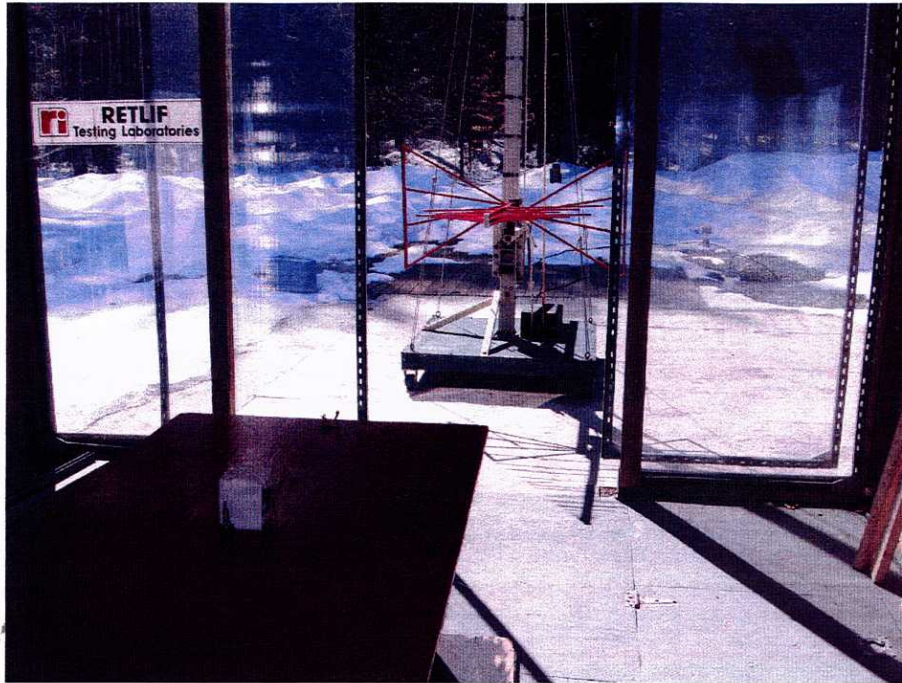
**Spurious Radiated Emissions (ERP)
Test Data**



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Test Results No. R-4990N, Rev. A

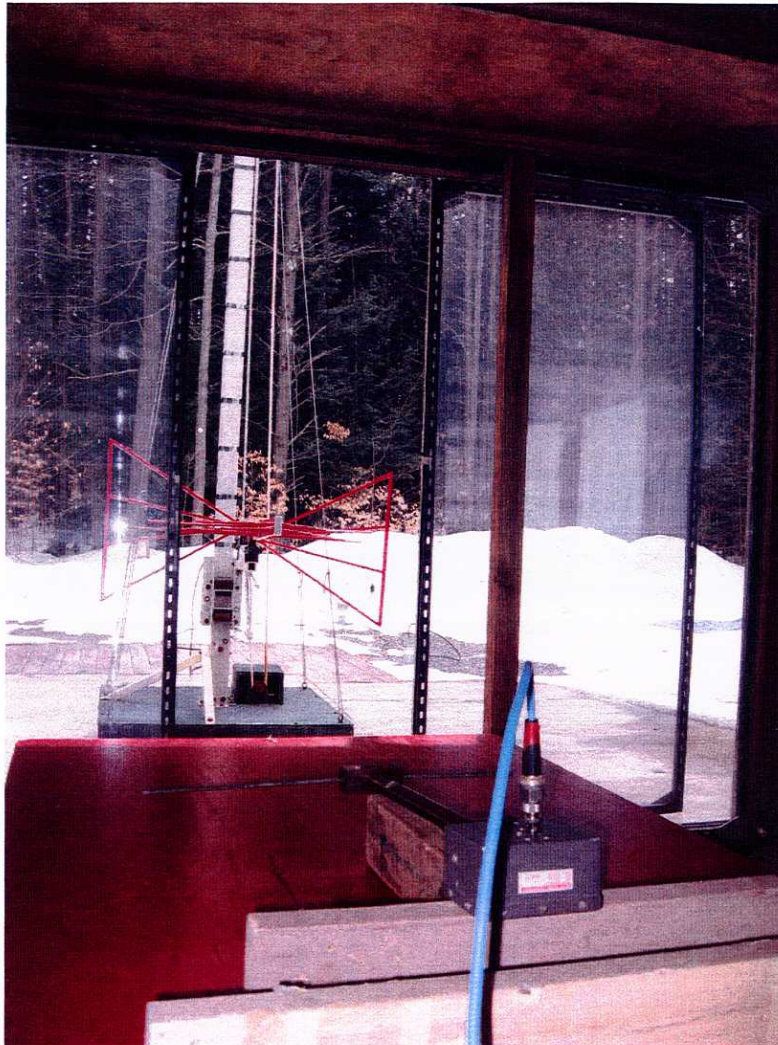
**Test Photograph
Spurious Radiated Emissions (ERP)**



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Test Results No. R-4990N, Rev. A

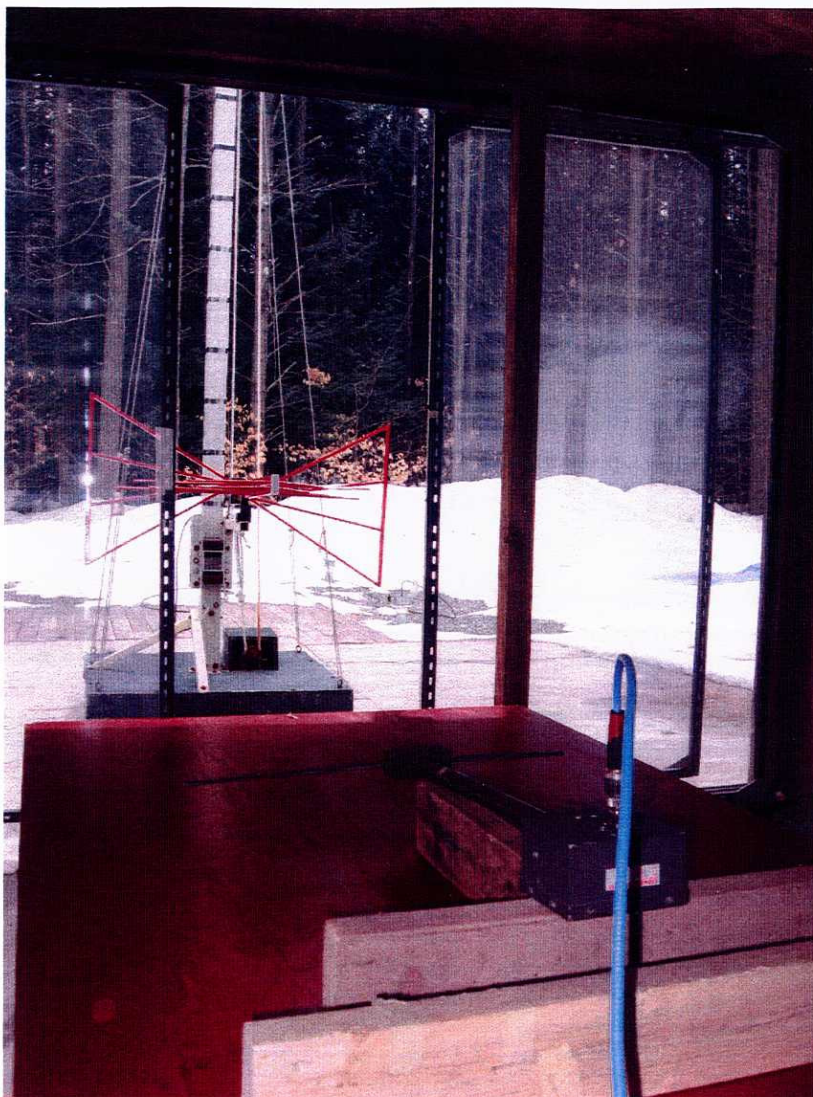
**Test Photograph
Spurious Radiated Emissions (ERP)**



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Test Results No. R-4990N, Rev. A

**Test Photograph
Spurious Radiated Emissions (ERP)**



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Test Results No. R-4990N, Rev. A

Equipment List Spurious Radiated Emissions (ERP)

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due
3000	Tuned Dipole Antenna	Empire Devices	20 MHz - 200 MHz	T1	12/3/2007	12/3/2010
3001	Tuned Dipole Antenna	Empire Devices	200 MHz - 400 MHz	T2	12/3/2007	12/3/2010
3002	Tuned Dipole Antenna	Empire Devices	400 MHz - 1 GHz	T3	12/3/2007	12/3/2010
4029	Test Site Attenuation	Retlif	3 / 10 Meters	RNH	6/20/2007	6/20/2008
5053	Biconilog	EMCO	26 MHz - 3 GHz	3142C	10/4/2007	10/4/2008
5058	Power Meter	Boonton Electronics	10kHz ~ 100GHz	4232A	11/15/2007	11/15/2008
5070	EMI Test Receiver	Rohde & Schwarz	20 Hz - 40 GHz	ESIB40	12/7/2007	12/7/2008
5099	Power Sensor	Boonton Electronics	10 kHz to 8 GHz	51011-EMC	12/21/2008	12/21/2009
530A	AM/FM Signal Generator	Marconi Instru.	10 kHz - 1.2 GHz	2023	12/13/2007	12/13/2008



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